Mountain Weather Forecast

Mourne Mountains

Forecast valid from 00:00 on Saturday 13 Feb 2021 until 23:59 on Sunday 14 Feb 2021

Forecast Issued on Friday 12 Feb 2021 at 13:11

Confidence: High for snow Saturday then a change to milder, wetter conditions into Sunday, but lower confidence for timing of milder air arrival and for precipitation details.

Headline for Saturday 13 Feb 2021: Dry, cold and bright start but snow soon spreading from southwest. Some heavy snow but turning increasingly to rain through the afternoon. Windy.

Mountain weather hazards on Saturday 13 Feb 2021

Blizzards Medium Likelihood	**Heavy Snow** Medium Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 700m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Heavy snow	Heavy snow	Sleet	Dull	Light rain
Precipitation probability							
00%	00%	20%	60%	80%	70%	30%	40%

Forecast for Saturday 13 Feb 2021

Weather: Dry overnight but high cloud increasing. Then a dry, cold, bright start but cloud soon thickening and lowering to bring outbreaks of snow and this will become heavy and rather prolonged in the morning, with blizzard conditions at times. This will lead to several centimetres of new lying snow, possibly as much as 20cm over the tops. Turning to rain at lower levels in early afternoon and increasingly to rain or sleet, perhaps freezing rain on the tops by dusk after generally becoming light and patchy but low cloud, mist and perhaps fog will develop. Snow beginning to thaw from low levels by the end of the day leading to risk of flooding.

Chance of cloud free mountain/hill tops above 700m: 80% overnight and at first Saturday, but soon 10% or less once snow arrives.

Visibility: Good at first, but soon poor or very poor in snow, but almost nil in blizzards with extensive cloud down to 400 or 500m. Improving moderate or good beneath cloud in afternoon as cloud lifts a little, but low cloud will likely develop and could be rather persistent down to 300m, so still likely poor or very poor in many places..

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Forecast for Saturday 13 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	38/54 SE	38/55 SE	40/58 SE	39/56 SE	38/54 SE	36/53 SE	35/51 S	35/53 S	38/57 S
300	21/37 SE	22/38 SE	23/41 SE	24/41 SE	22/39 SE	22/40 SE	21/38 S	21/39 S	23/42 S
Valley	19/37 SE	20/38 SE	21/41 SE	22/41 SE	20/39 SE	20/39 SE	19/37 SE	19/39 SE	20/41 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-4/-14	-4/-14	-4/-14	-3/-14	-2/-12	-2/-11	-1/-10	-1/-9	-0/-9
300	-1/-8	-2/-9	-1/-9	-2/-10	-1/-8	0/-7	1/-5	2/-5	2/-4
Valley	0/-6	-0/-7	0/-7	-1/-8	-0/-7	1/-5	2/-4	3/-3	3/-2
<< Freezing Level*	00m	00m	00m	00m	100m	300m	400m	500m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A severe chill expected at all levels. A very poor day for anyone venturing out on the hills with possibly dangerous conditions at height

Forecast for Sunday 14 Feb 2021

Weather: Cloudy with patchy rain overnight and murky too, but there could be the odd clear spell. An overcast day is then expected with mist, low cloud and patchy fog and patchy rain will become heavier and more prolonged in the morning. Rain clearing in the afternoon with perhaps some bright spells developing before sunset, but staying mostly cloudy. Thaw continuing with risk of flooding and fast flowing water courses.

Maximum wind: South to southeast 45-65 gust 80mph by morning, turning southwest 45-50 gust 60 mph in afternoon, but decreasing 30 gust 45mph later

Chance of cloud free mountain/hill tops above 700m: 10 or 20% at best

Visibility: Generally moderate beneath cloud, but poor at times in rain and often very poor at height with extensive cloud down to 450-600m, sometimes lower.

Temperature: **Valleys:** Plus 4 C, rising to plus 7 C
At 700m: Zero C rising to plus 3 C by morning
Freezing level: Close to highest tops in early hours, otherwise well above summits

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